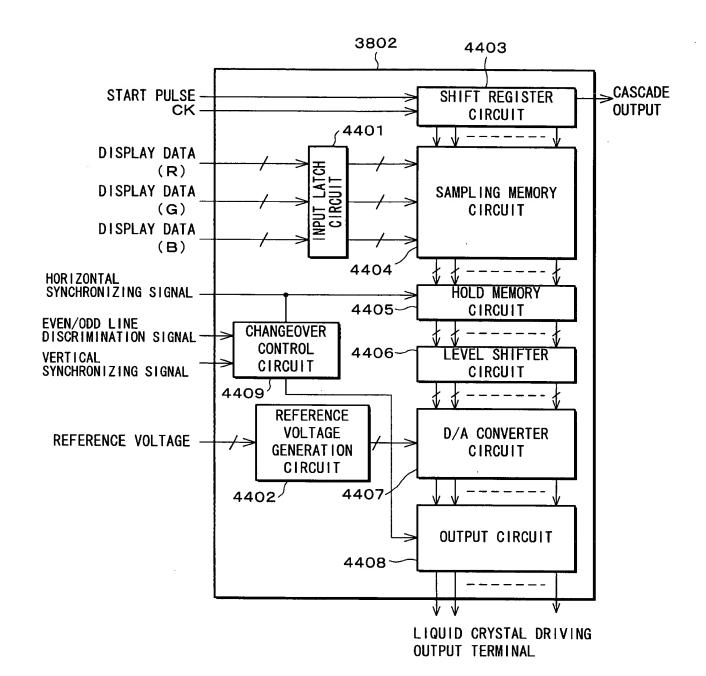
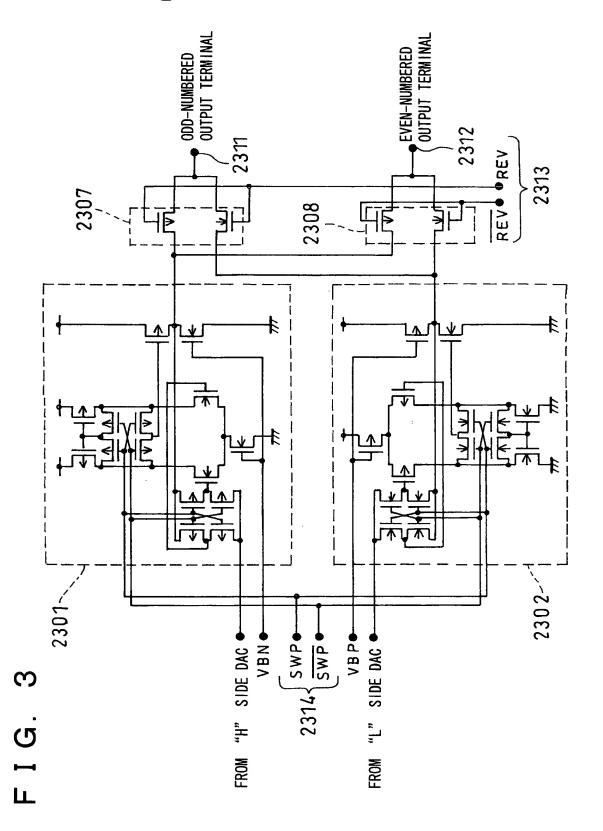
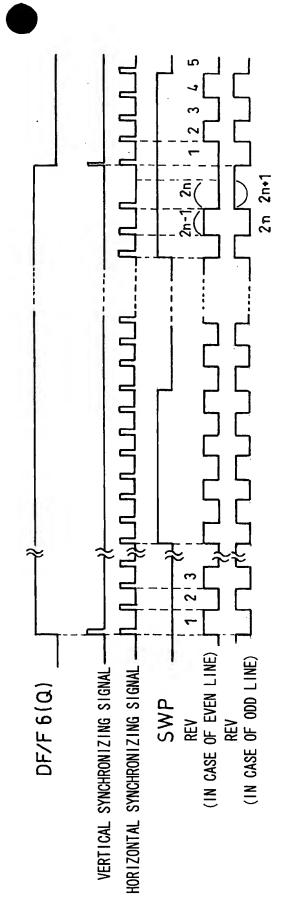


F I G. 2





F I G. 4



#### FIG. 5

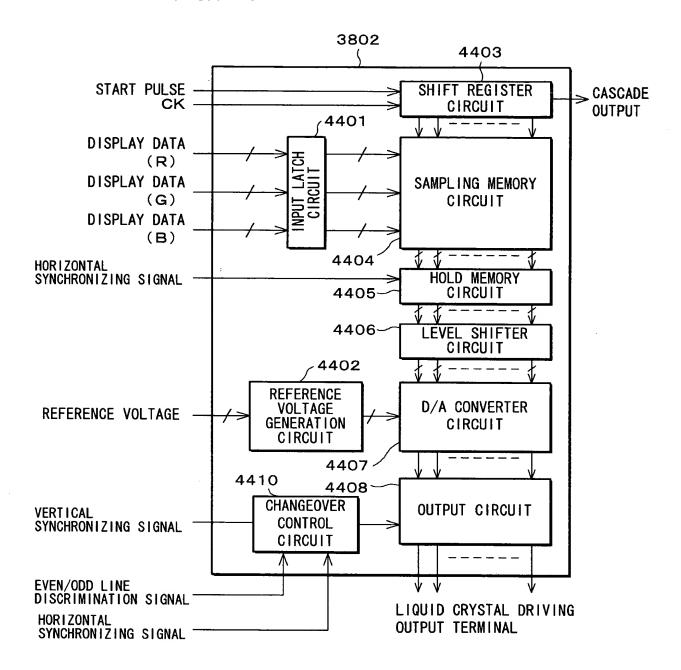
(I) FDANE	© EDANE
T FRAME  (1) (2) (3) (4) (5) (6) (7) (8) REV SWP  (1) (2) (3) (4) (5) (6) (7) (8) L  (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(B) FRAME  (1) (2) (3) (4) (5) (6) (7) (8) (B) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
1) 2 3 4 5 6 7 8 REV SWP	
(1) -B -A -B -A -B -A -B -A -B -A H H H (2) -A -B -A -B -A -B -A -B -A -B L H H H (3) -B -A -B -A -B -A -B -A -B L H H (4) -A -B -A -B -A -B -A -B -A -B L H (5) -B -A -B -A -B -A -B -A -B L H (6) -A -B -A -B -A -B -A -B -A -B L H (7) +B +A +B +A +B +A +B +A +B +A +B L L L (8) EDAME	① -A -B -A -B -A -B -A -B -A -B L H ② -B -A -B -A -B -A -B -A -B L H ③ -A -B -A -B -A -B -A -B -A B L H ④ -B -A -B -A -B -A -B -A -B L H ⑤ -A -B -A -B -A -B -A -B -A B L H ⑥ -B -A -B -A -B -A -B -A -B L H ⑥ -B -A -B -A -B -A -B -A -B L H ⑥ -B -A -B -A -B -A -B -A -B L H ⑦ +A +B +A +B +A +B +A +B L L ⑧ +B +A +B +A +B +A +B +A +B L ③ +B +A +B +A +B +A +B +A +B +A +B L
③ FRAME	① FRAME [①]②]③]④]⑤]⑥[⑦]⑧] REV SWP
① +A +B +A +B +A +B +A +B +A +B L L L (2) +B +A	1 +B +A +B +A +B +A +B +A +B +A (2) +A +B +A +B +A +B +A +B +A +B L L L L L L L L L L L L L L L L L L
④ FRAME □ 101213141516177181 REV SWP	① FRAME [① ② ③ ② ④ ⑤ ⑦ ⑥ ⑦ ⑥ REV SWP
① -B -A -B -A -B -A -B -A -B -A B L H ② -A -B -A -B -A -B -A -B -A -B L H ③ -B -A -B -A -B -A -B -A -B L H ④ -A -B -A -B -A -B -A -B -A B L H ⑤ +B +A +B +A +B +A +B +A +B L L ⑦ +B +A +B +A +B +A +B +A +B +A L ⑧ +A +B +A +B +A +B +A +B +A H L ⑧ +A +B +A +B +A +B +A +B +A +B L L	1 -A -B -A -B -A -B -A -B -A -B L H 2 -B -A -B -A -B -A -B -A -B -A H H 3 -A -B -A -B -A -B -A -B -A -B L H 4 -B -A -B -A -B -A -B -A -B L H 5 +A +B +A +B +A +B +A +B +A +B L L 6 +B +A +B +A +B +A +B +A +B +A +B L 7 +A +B +A +B +A +B +A +B +A +B L 8 +B +A +B +A +B +A +B +A +B +A H L
⑤ FRAME [①]②]④]⑤]⑥]⑦]⑧] REV SWP	① FRAME [①②③④⑤⑤⑦®] REV SWP
① +A +B +A +B +A +B +A +B +A +B L L ② +B +A +B +A +B +A +B +A +B +A H L ③ +A +B +A +B +A +B +A +B +A +B L ④ -B -A -B -A -B -A -B -A -B -A H H ⑤ -A -B -A -B -A -B -A -B -A -B -A H H ⑥ -B -A -B -A -B -A -B -A -B -A H H ⑥ -B -A -B -A -B -A -B -A -B -A H H ⑥ -B -A -B -A -B -A -B -A -B -A H H ⑥ -B -A -B -A -B -A -B -A -B -A H H ⑥ -A -B -A -B -A -B -A -B -A -B L H ⑥ -B -A -B -A -B -A -B -A -B H H ⑥ FRAME	1 +B +A +B +A +B +A +B +A +B +A H L 2 +A +B +A +B +A +B +A +B +A +B L 3 +B +A +B +A +B +A +B +A +B +A H L 4 -A -B -A -B -A -B -A -B -A -B -A H H 6 -A -B -A -B -A -B -A -B -A -B L H 6 -A -B -A -B -A -B -A -B -A H H 7 -B -A -B -A -B -A -B -A -B -A H H 8 -A -B -A -B -A -B -A -B -A H H
(1)(2)(3)(4)(5)(6)(7)(8) REV SWP	(1) FRAME (1) (2) (3) (4) (5) (6) (7) (8) REV SWP (1) (-A) -B
① -B -A -B -A -B -A -B -A -B -A B L H ② -A -B -A -B -A -B -A -B -A -B L H ③ +B +A +B +A +B +A +B +A +B +A H ⑤ +B +A +B +A +B +A +B +A +B +A H ⑥ +A +B +A +B +A +B +A +B +A +B L L ⑥ +A +B +A +B +A +B +A +B +A +B L L ⑥ +A +B +A +B +A +B +A +B +A +B L L ⑦ +B +A +B +A +B +A +B +A +B L L ⑦ +B +A +B +A +B +A +B +A +B L L ⑦ +B +A +B +A +B +A +B +A +B L L ⑥ +A +B +A +B +A +B +A +B +A L L ⑥ +A +B +A +B +A +B +A +B +A L L ⑥ +A +B +A +B +A +B +A +B L L L	2 -B -A -B -A -B -A -B -A -B -A H H G + B +A +B
10 2 3 4 5 6 7 8 REV SWP	① FRAME
① +A +B +A +B +A +B +A +B L L ② -B -A -B -A -B -A -B -A -B -A + H ③ -A -B -A -B -A -B -A -B -A + H ④ -B -A -B -A -B -A -B -A -B L H ⑤ -A -B -A -B -A -B -A -B -A + H ⑤ -A -B -A -B -A -B -A -B L H ⑥ -B -A -B -A -B -A -B -A -B L H ⑦ -A -B -A -B -A -B -A -B -A + H ② -A -B -A -B -A -B -A -B L H ③ -B -A -B -A -B -A -B -A -B L H ③ -B -A -B -A -B -A -B -A -B L H A: VOLTAGE HAVING POSITIVE POLARITY B: VOLTAGE HAVING NEGATIVE POLARITY +: POSITIBE OFFSET -: NEGATIVE OFFSET	(1) +B +A +B +A +B +A +B +A +B +A H L Q -A -B -A -B -A -B -A -B -A -B -A -B L H Q -A -B -A -B -A -B -A -B -A -B -A H H Q -A -B

FIG. 6

### VOLTAGE APPLIED TO PIXEL 1-1

FRAME	1	2	3	4	(5)	6	7	8	9	10	11)	12	13)	1
	+A	-B	+A	-B	+A	-В	+A	+B	-A	+B	- <b>A</b>	+B	-A	+B
	7 FRAME									7	FRA	ME		_>

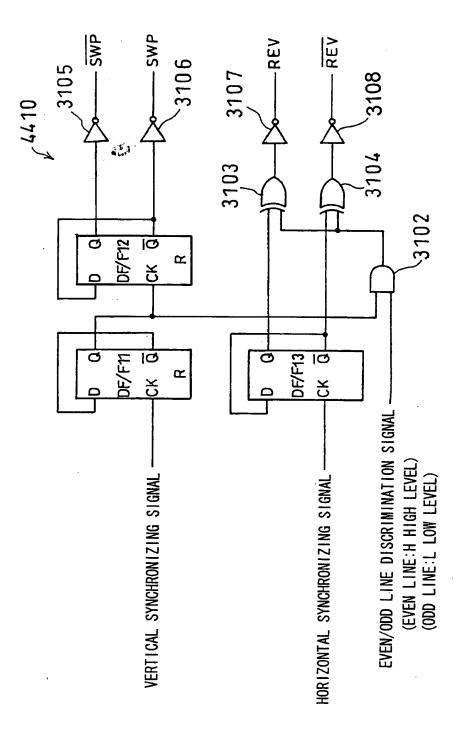
F I G. 7





 $\infty$ 

FIG.



## F I G. 9

### 1 FRAME

	①	2	3	4	(5)	6	7	8	REV	SWP
1	+A	<b>+</b> B	+A	+B	+A	+B	+A	+B	L	L
2	+B	+A	+B	+A	+B	+A	+B	+A	Н	L
3	+A	+B	+A	+B	+A	+B	+A	+B	L	L
4	+B	+A	+B	+A	+B	+A	+B	+A	Н	L
(5)	+A	+B	+A	+B	+A	+B	+A	+B	L	L
6	+B	+A	+B	+A	<b>+</b> B	+A	+B	+A	Н	L
7	+A	+B	+A	+B	+A	+B	+A	+B	L	L
8	+B	+A	+B	+A	+B	+A	+B	+A	Н	L

#### 2 FRAME

	1	2	3	4	(5)	6	7	8	REV	SWP
①	+B	+A	+B	+A	+B	+A	+B	+A	Н	L
2	+A	+B	+A	+B	+A	+B	+A	+B	L	L
3	+B	+A	+B	+A	+B	+A	+B	+A	Н	L
4	+A	+B	+A	+B	+A	+B	+A	+B	L	L
<b>⑤</b>	+B	+A	+B	+A	+B	+A	+B	+A	Н	L
6	+A	+B	+A	+B	+A	+B	+A	+B	L	L
7	+B	+A			+B	+A	+B	+A	Н	L
8	+A	+B	+A	+B	+A	+B	+A	+B	L	L

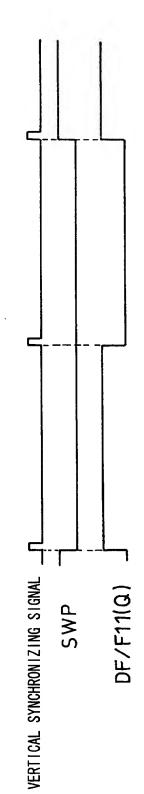
#### 3 FRAME

	1	2	3	4	(5)	6	7	8	REV	SWF
1	-A	-B	-A	-B	-A	-B	-À	−B	L	Н
2	-B	-A	В	-A	−B	-A	-B	-A	Н	Н
3	-A	<del>-</del> B	-A	-B	-A	-B	-A	-В	L	Н
4	-B	-A	−B	-A	-B	-A	-В	-A	Н	Н
(5)	-A	−В	-A	-B	-A	-B	-A	-B	L	Н
6	-B	-A	−В	-A	−B	-A	-B	-A	Н	Н
7	-A	-B	-A	-B	-A	-B	-A	-B	L	Н
8	−B	-A	−B	-A	-B	-A	-B	-A	Н	Н

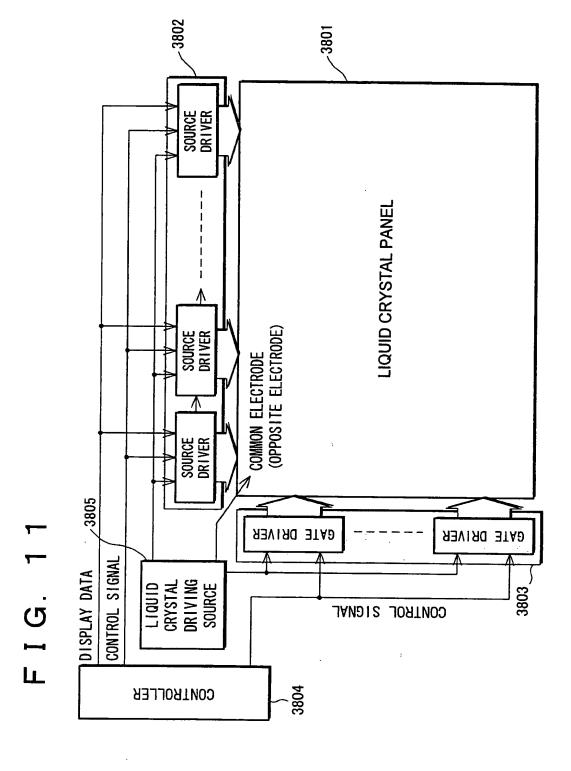
#### 4 FRAME

	①	2	3	4	(5)	6	7	8	REV	SWP
1	-B	-A	-B	-A	-B	-A	-B	-A	Н	Н
2	-A	-B	-A	-B	-A	-B	-A	-B	L	Н
3	-B	-A	-B	-A	-B	-A	-B	-A	Н	Н
4	-A	-B	-A	-В	-A	-B	-A	-B	L	Н
(5)	-B	-A	-B	-A	−B	-A	-B	-A	Н	Н
6	-A	-B	-A	-B	-A	−B	-A	-B	L	Н
7	-A	-B	-A	-B	-A	-B	-A	-B	Н	Н
8	-B	-A	-В	-A	–B	-A	-В	-A	L	Н

FIG. 10







F I G. 12

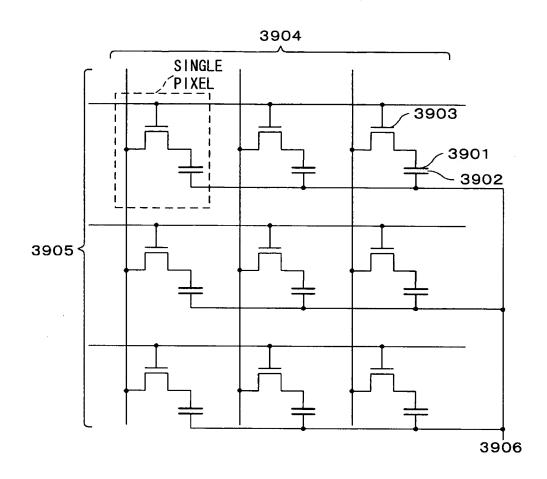


FIG. 13

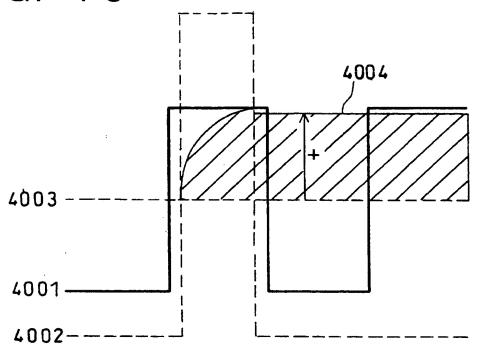


FIG. 14

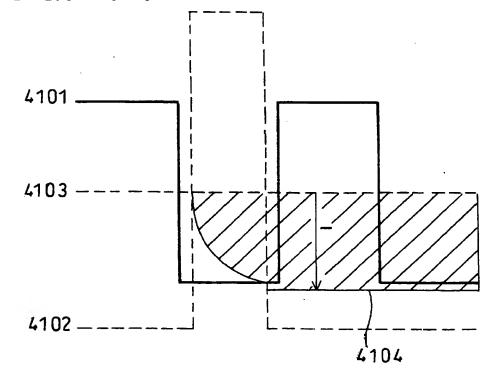
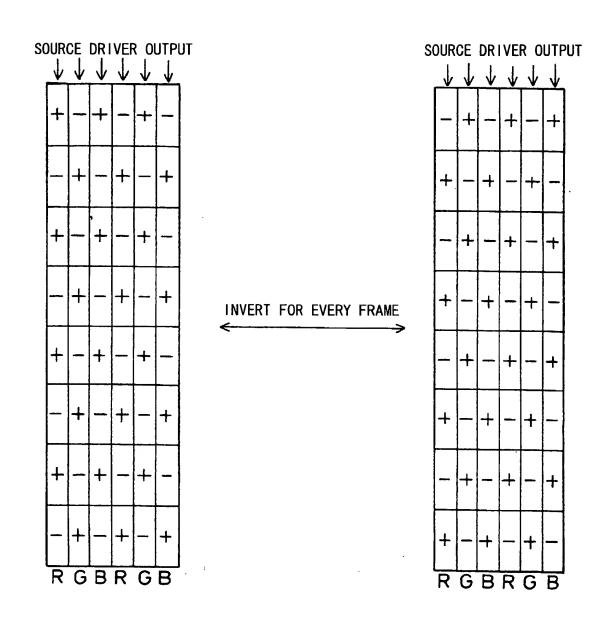


FIG. 15



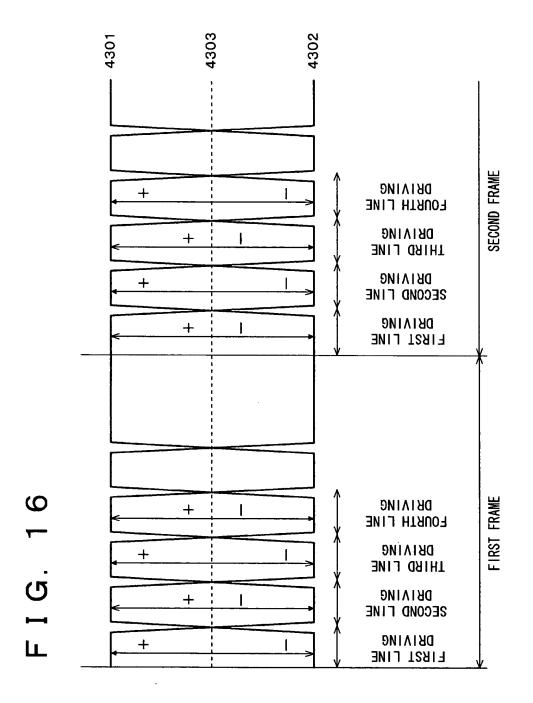
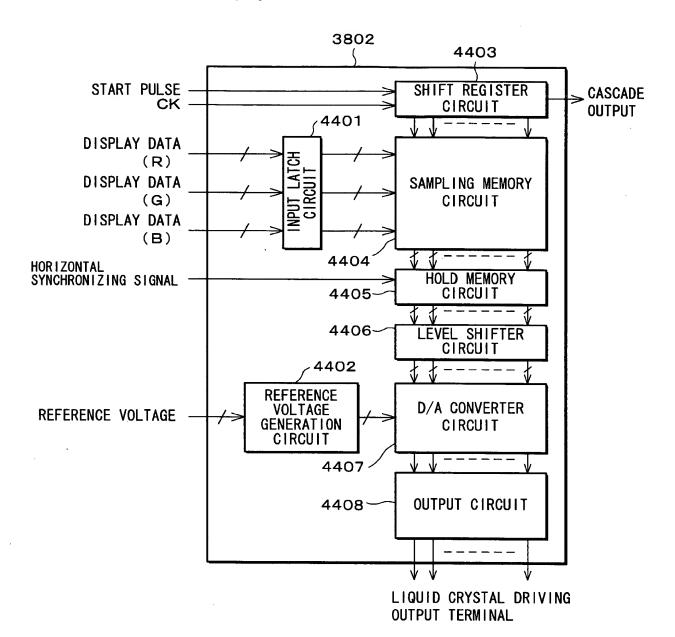
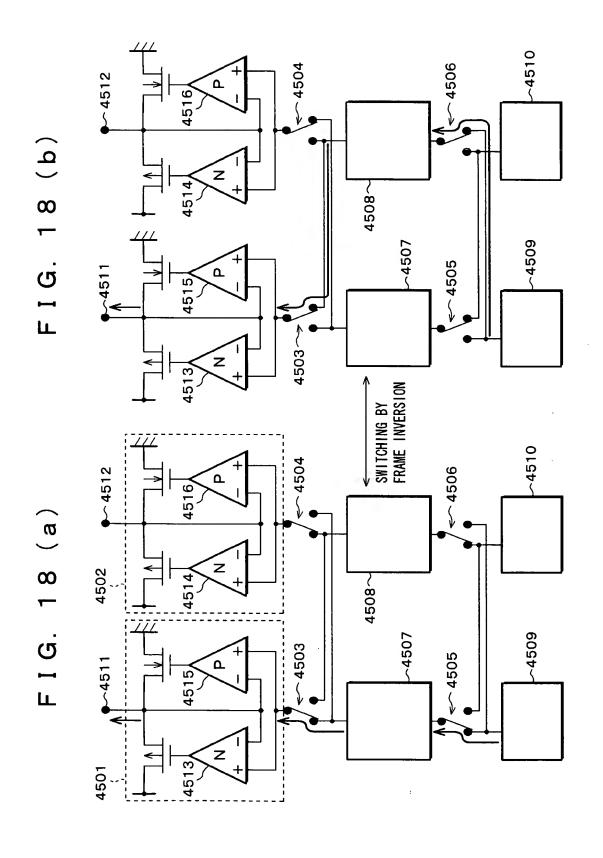
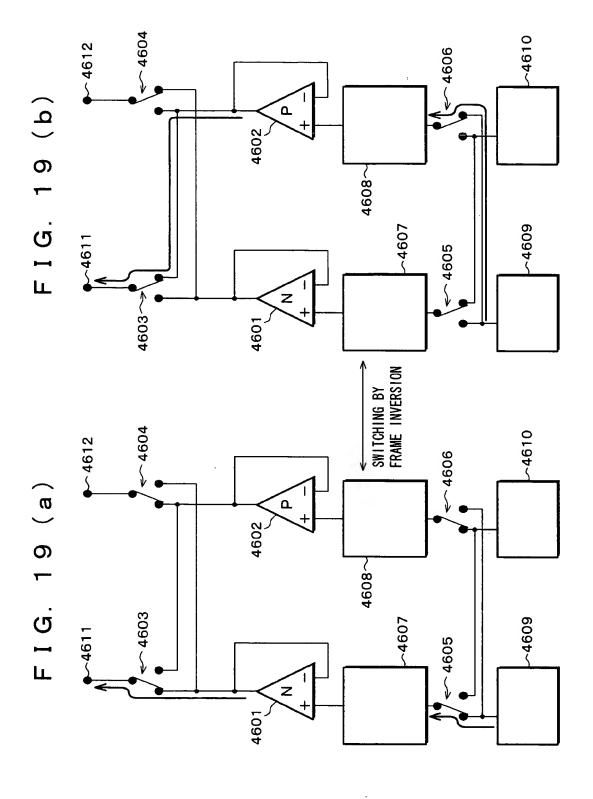


FIG. 17









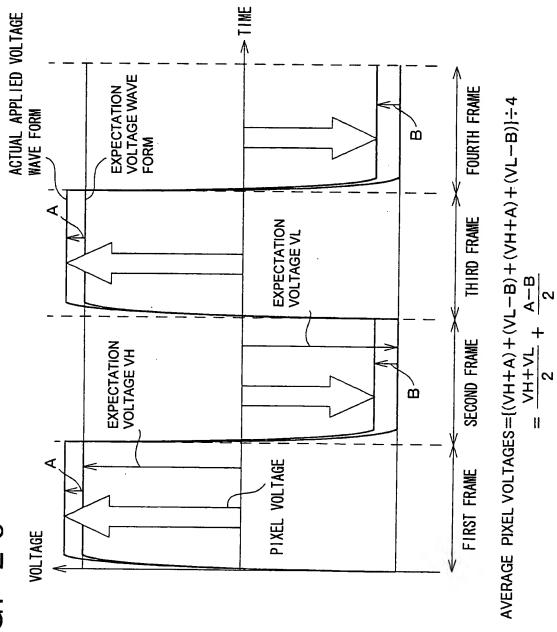


FIG. 20



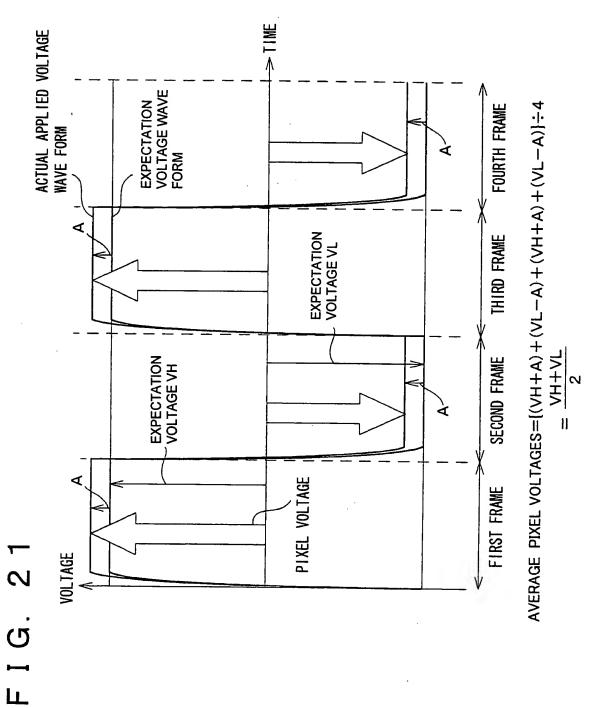


FIG. 22

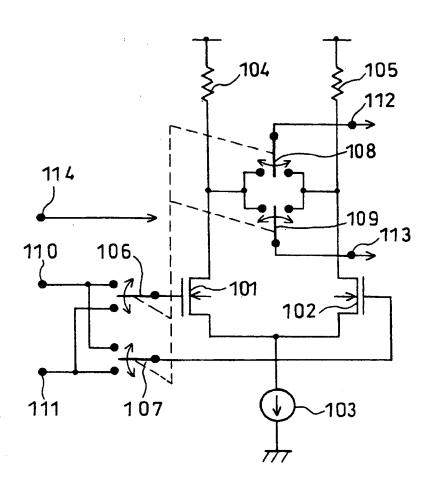


FIG. 23

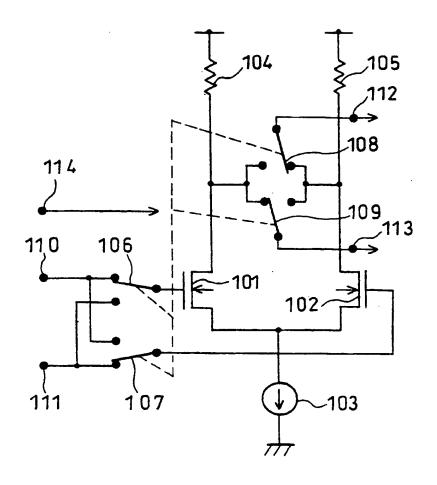


FIG. 24

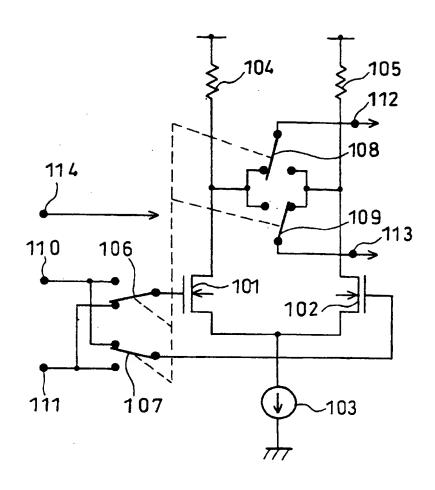


FIG. 25

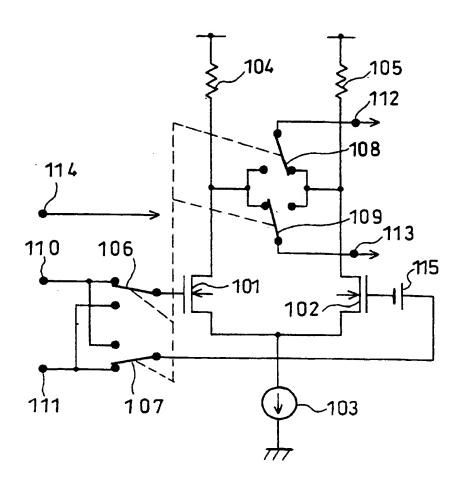


FIG. 26

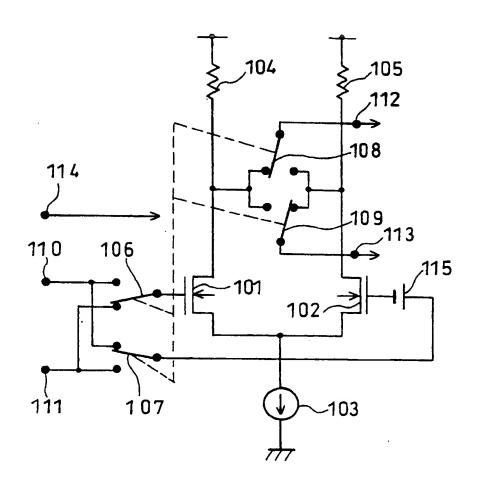


FIG. 27

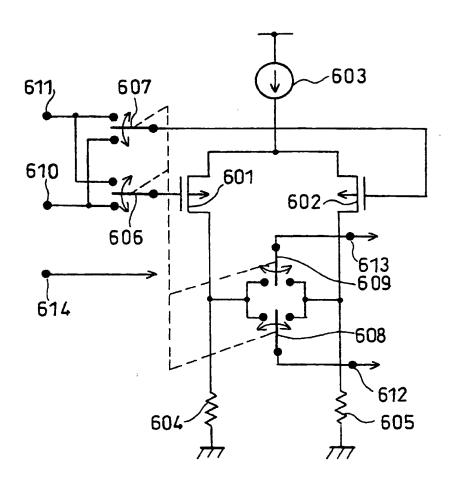


FIG. 28

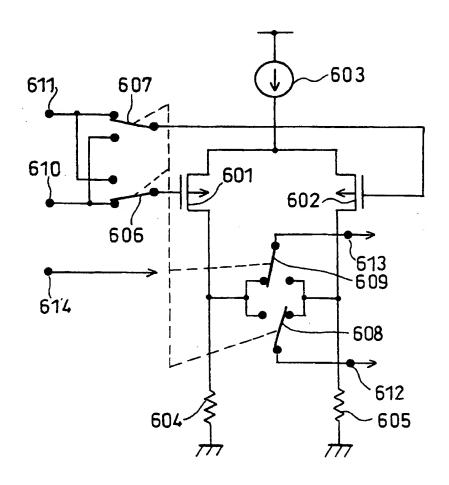


FIG. 29

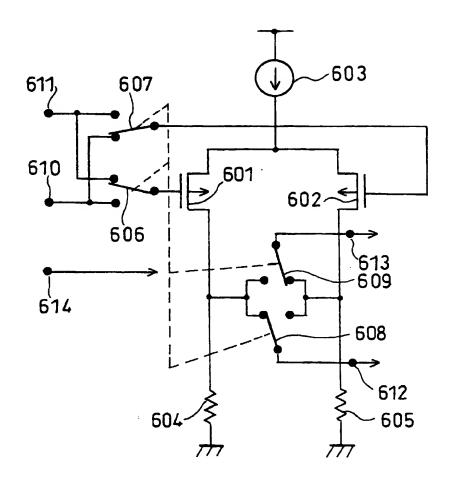


FIG. 30

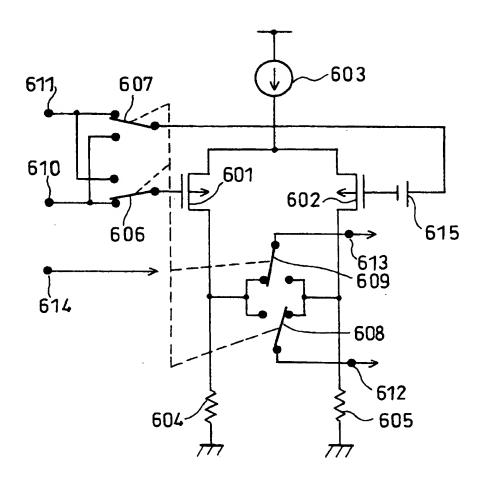


FIG. 31

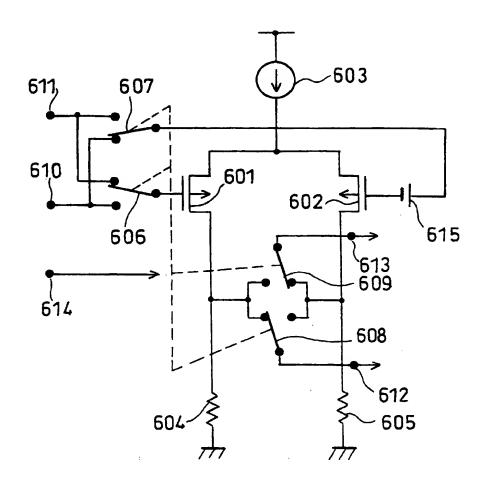


FIG. 32

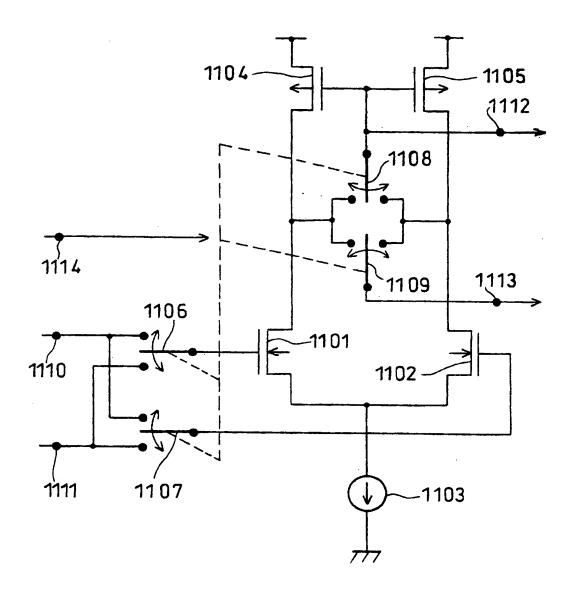


FIG. 33

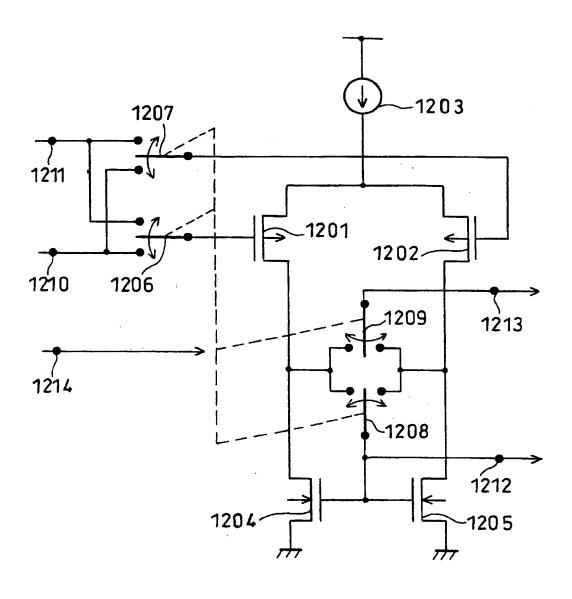


FIG. 34

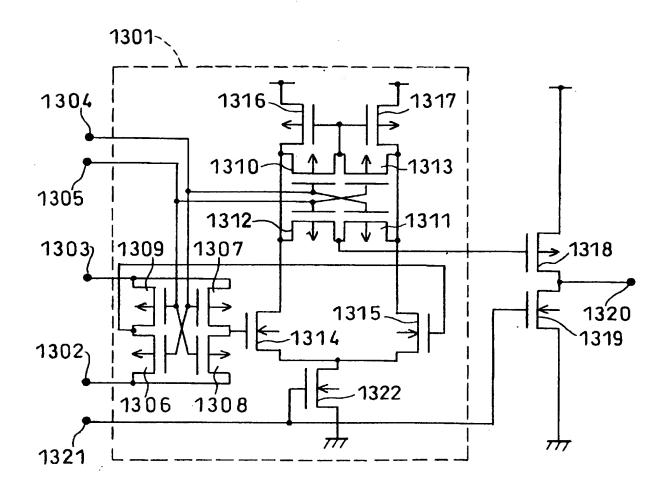


FIG. 35

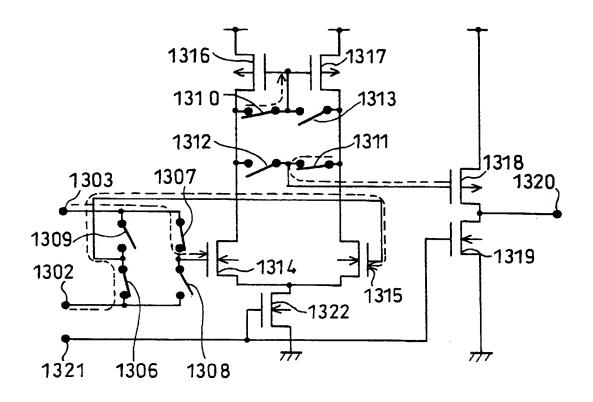


FIG. 36

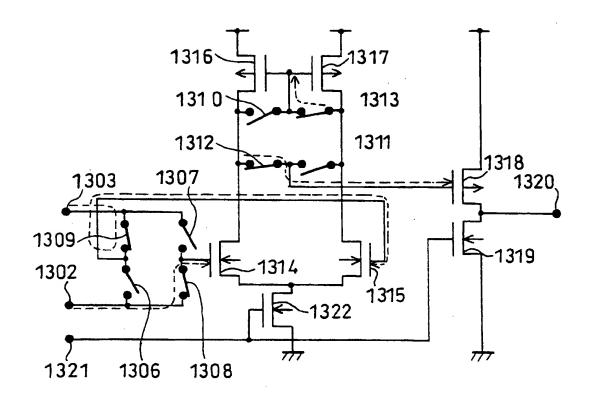
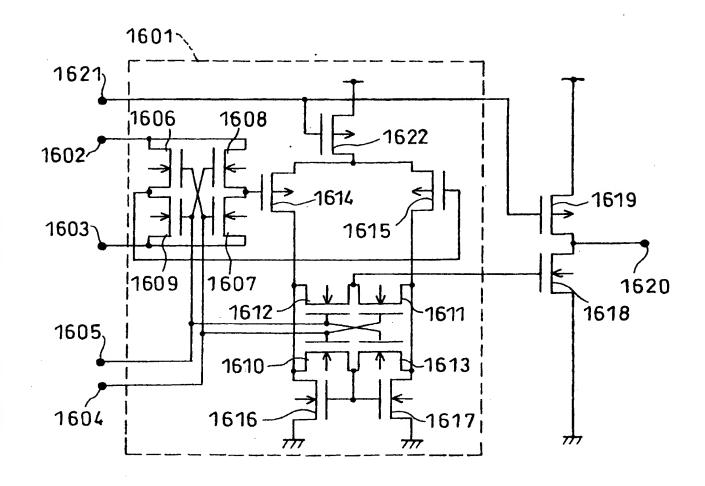


FIG. 37



# FIG. 38

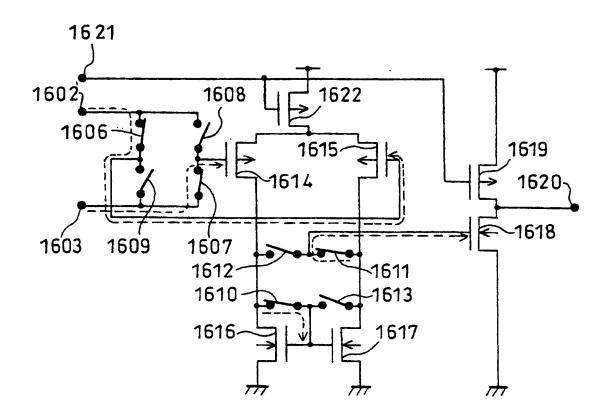


FIG. 39

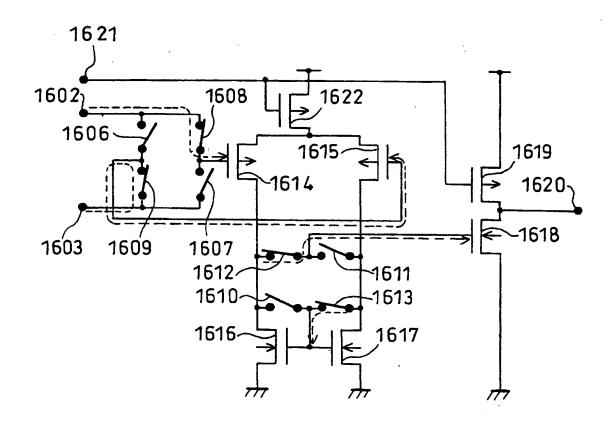


FIG. 40

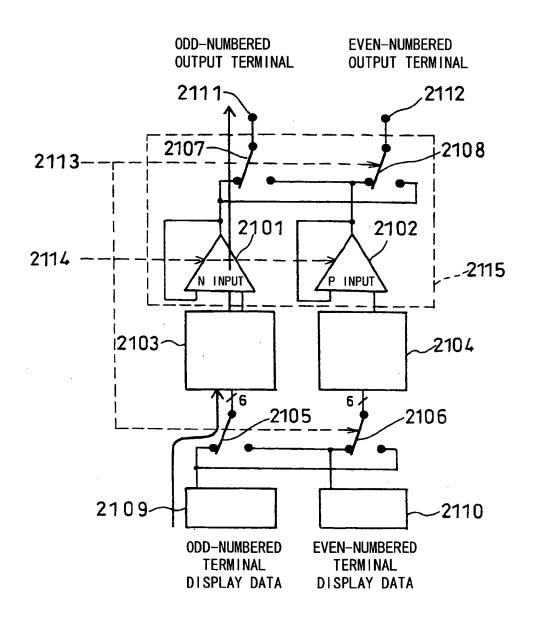
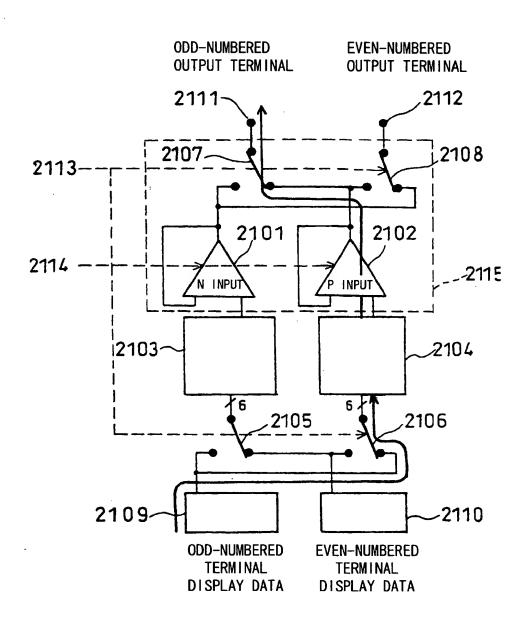


FIG. 41



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